

**NASA Space Shuttle Program (SSP)
Mission Management Team (MMT) STS-114
Minutes of Meeting
August 8, 2005**

The STS-114 Flight Day 14 (FD14) MMT meeting, chaired by Deputy Manager, SSP, JSC-MA/Wayne Hale, was held August 8, 2005 at 2:00 p.m. central standard time (CST), Johnson Space Center (JSC), Building 30, Room 118. Member organizations supported at JSC and remote sites by video teleconference. Roster sheets for those that participated in this meeting are available. Following are highlights of the issues that were discussed.

A. Introduction – MMT Chairman

Mr. Hale gave a few introductory remarks.

B. Flight Status – Mission Operations Directorate (MOD) Failure Summary

JSC-DA/Robert Castle summarized the FD14 mission events accomplished, as follows:

- 1) Closure of Payload Bay Doors (PLBD) for first landing attempt (KSC 201)
- 2) Waved off both KSC opportunities due to weather
- 3) Orbit Adjust Burn completed
- 4) Consumables support Group B Powerdown during extension days

Mr. Castle presented a quick-look of the FD15 landing opportunities:

- 1) Orbit 217 – Kennedy Space Center (KSC) at 4:07 a.m. eastern standard time (EST)
- 2) Orbit 218 – Northrop Strip at White Sands Test Facility (NOR) at 5:39 a.m. EST, or KSC at 5:42 a.m. EST
- 3) Orbit 219 – Edwards Air Force Base (EDW) at 7:12 a.m. EST, or NOR at 7:14 a.m. EST
- 4) Orbit 220 – EDW at 7:46 a.m. EST

The ground track for Orbit 219, landing at EDW, has been adjusted since yesterday to minimize the fly-over risk over the Los Angeles Basin. There have been no new failures with operational impacts. The mission is proceeding per the one-day weather wave-off timeline. No decisions are required from the MMT at this time.

C. Integrated Anomalies/Issues Summary

JSC-MS/John Muratore presented the System Engineering and Integration (SE&I) Integrated Anomalies list, located on the MMT website at:

http://sspweb.jsc.nasa.gov/webdata/mmtmeeting/flt/114/050808.1400_D14/12_Integrated_Anomalies_Issues_Summary_JMuratore.pdf

D. STS-114 Landing Weather

JSC Spaceflight Meteorology Group (SMG)/George Bassett briefed weather conditions

at each location for the Tuesday morning landing. The same weather pattern is expected for tonight as the one that formed last night. Clouds are expected to form over the lower Florida peninsula. For tomorrow, KSC is expecting a chance of showers with winds within 30 nautical miles (nm). EDW is expecting to receive scattered clouds with light winds. NOR is expecting a slight chance of showers with winds within 30 nm.

E. Management Decisions Summary

No management decisions were made by the MMT at this meeting. Mr. Hale polled the MMT, and received concurrence, that FD15 should proceed with landing at the best location dependant on the weather.

F. Conclusion

Mr. Hale stated that if there were another wave-off, the next MMT would be scheduled for 2:00 p.m. CST, Tuesday, August 9, 2005.

Detailed information on all assigned actions for this meeting can be found on the MMT Action log, located on the MMT web site at:

http://sspweb.jsc.nasa.gov/webdata/mmtmeeting/flt/114/050808.1400_D14/Actionlog.pdf

The MMT web site is available at <http://sspweb.jsc.nasa.gov/mmt/>.

The meeting adjourned at 2:28 p.m. CT.

MMT: August 8, 2005

Minutes Prepared By:

<u>Brenda S. Johnson</u>	<u>August 8, 2005</u>
Minutes Writer	Date

Approvals:

<u>Jamie R. Shumbera</u>	<u>August 8, 2005</u>
MMT Secretary	Date

<u>J. J. Conwell</u>	<u>August 8, 2005</u>
Customer Support Room (CSR) Duty Officer	Date

MEETING ATTENDANCE ROSTER

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MEETING TITLE: STS-114 MMT Flight Day 14

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